IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for establishing a data connection between a mobile communications system comprising several terminals and another telecommunications system supporting several protocols, the method comprising:

(i) receiving messages from a terminal, converting them into a format compatible with at least one of the protocols of the other telecommunications system, and transmitting them to the other telecommunications system; and

(ii) receiving information from the direction of the other telecommunications system and converting it into a format compatible with at least one protocol of the mobile communications system, and transmitting it to the mobile communications system;

wherein the terminals of the mobile communications system are classified into at least two different classes on the basis of at least one predetermined criterion, wherein the at least one predetermined criterion includes a criterion determined on the basis of the content of a message from a respective terminal among the terminals, and

the protocol to be used ~~with respect to~~ towards the terminal is selected on the basis of the class of the terminal in question.

2. (Cancelled)

3. (Previously Presented) A method according to claim 1, wherein the at least one predetermined criterion includes a criterion determined on the basis of the header of the protocol layer of the message from the terminal.

4. (Previously Presented) A method according to claim 4, wherein

said at least one predetermined criterion includes the terminal's ability to support the HTTP protocol; and

information from the direction of the other telecommunications system is transmitted using the HTTP protocol to the terminals supporting it, and as a short message to other terminals.

5. (Previously Presented) A method according to claim 1, wherein in step (i) at least some messages from the terminal are altered on the basis of a location of said terminal.

6. (Previously Presented) A method according to claim 1, wherein in step (ii) at least part of the information to be transmitted to the terminal is selected or filtered on the basis of a location of said terminal.

7. (Previously Presented) A method according to claim 5, wherein said location of the terminal is determined on the basis of a location management element of the mobile communications system.

8. (Currently Amended) An information server comprising:

first means for connecting to a mobile communications system, which in turn connects to terminals on a radio connection,

second means for connecting to another telecommunications system supporting several protocols,

third means which are arranged to receive messages from the terminals and convert them into a format compatible with at least one of the protocols of the other telecommunications system, and to receive information from the direction of the other telecommunications system and to convert it into a format compatible with at least one protocol of the mobile telecommunications system,

a function for dividing the terminals into at least two different classes on the basis of at least one predetermined criterion, wherein the at least one predetermined criterion includes a criterion determined on the basis of the content of a message from a respective terminal among the terminals, and

a function for selecting the protocol to be used for the connection in the direction towards the respective terminal on the basis of the class of the terminal in question.

9. (Previously Presented) A server according to claim 8, wherein

said at least one criterion comprises the terminal's ability to support the HTTP protocol; and

the server further comprises means for sending information from the direction of the other telecommunications system using the HTTP protocol to the terminals supporting ~~it~~ that protocol, and as a short message to other terminals.

10. (Previously Presented) A server according to claim 9, wherein the server is arranged to compress information from the direction of the telecommunications system before the information is sent as a short message.

11. (Previously Presented) A server according to claim 9 or 10, wherein the server is arranged to send information from the direction of the other telecommunications system to the terminals in several short messages if the content of the information exceeds the length of one short message.

12. (Previously Presented) A server according to claim 9, wherein the server is arranged to analyse the amount and type of information sent from the direction of the other telecommunications system, and if the amount of information exceeds a predetermined threshold value or its type corresponds to a predetermined type, the server is adapted to:

store the information in a memory; and

at least first send only a notice to the terminal that the terminal will receive more information when a connection can be established to the terminal via another protocol.

13. (Previously Presented) A server according to claim 8, wherein the server is arranged to filter the information provided for the terminal on the basis of a location of the terminal.

14. (Previously Presented) A server according to claim 8, further comprising memory means for storing the most used information from the direction of the other telecommunications system.

15. (Previously Presented) A server according to claim 8, wherein the server is implemented as a compact network element.

16. (Previously Presented) A server according to claim 8, wherein the server is implemented in a distributed manner substantially by means of network elements and by supplementing their functions.

17. (Previously Presented) A server according to claim 8, wherein the server is arranged to be connected to the internet.

18. (Previously Presented) The method according to claim 6, wherein the location of the terminal is determined based on a location management element of the mobile communications system.

19. (Previously Presented) The server according to claim 9, wherein the server is arranged to send information from the direction of the other telecommunications system to the terminals in a plurality of short messages, if the content of the information exceeds the length of one short message.